5350 Monochrome Laser Printer

Quick Start Guide

visara international

Important Information

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in accordance with the manufacturer's instructions, may cause interference in radio and television reception. It has been type tested and found to comply with the limits for class B computing devices in accordance with the specification in subpart J of part 15 of FCC rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a partial installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna,
- Relocate the peripheral away from the receiver,
- Move the peripheral away from the receiver
- Plug the peripheral into a different outlet, so that the peripheral and receiver are on different branch circuits

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet, prepared by the Federal Communications Commission, helpful: “How to Identify and Resolve Radio-TV Interference Problems”.

This booklet is available from the U.S. Government Printing Office, Washington DC 20402 Stock No. 004.000.00345.4.

WARNING: To comply with FCC regulations on electromagnetic interference for a class B computing device, the printer cable must be shielded. To assure compliance with FCC regulations for a computing device, use a shielded interface cable with a metal shell connector. The use of cables not properly shielded may result in violating FCC regulations.

This digital apparatus does not exceed the class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of the Canadian department of communications.

This unit complies with DOC standard C108.8-M 1983

ATTENTION: Le présent appareil numérique n'ement pas de bruits radioélectriques déspassant les limites applicables aux appareils numériques de la classe B prescrites dans le règlement sur le brouillage radio-électrique édicté par le minstère des communications du Canada.

The paper used is made of raw materials treated with a chlorine-free bleaching process.

CE This device fulfils the European standards requirements by complying with the Directive of the Commission dated May 3, 1989 (89/336/EEC) relating to electromagnetic compatibility and the Directive dated February 19, 1973 (73/23/EEC) relating to low-voltage electrical equipment. Conformity with the above mentioned Directives is indicated by the CE symbol attached to the device.

Note: Conformity may be affected by:

- using interface cables not complying with the specifications
- non-observance of important instructions in the operator's manual
- installing components not approved for this device by the manufacturer
- unauthorized manipulation

WARNING For continued protection against risk of fire, replace only with same type and rating of fuse. Only trained and qualified personnel may open covers or remove parts that are not explicitly shown and described in the User Guide as being accessible to the operator.

ENGLISH

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Chapter 1
Introduction

About this manual

This quick start guide is intended to provide guidance for the proper installation of your printer. If you require more information to install your printer, consult the User Guide located on the CD-ROM. For further help, please contact your dealer or responsible representative (see addresses at the rear cover page of this manual).

Conventions

This following conventions are used throughout this manual to emphasize certain procedures or information:

NOTE: A note is a tip or extra information that may be helpful in installing or using the printer.

CAUTION: A caution message provides information that may help you avoid equipment damage, process failure, or inconvenience. Read all caution messages carefully.

WARNING! A warning message indicates the possibility of personal injury if a specific procedure is not performed exactly as described in the guide. Pay close attention to these sections and read them fully to prevent possible injury.

General Safety Guidelines

Before operating the printer, read the following instructions carefully:

- Follow all the operating procedures provided in this manual.
- Follow all the hazard warnings on the printer and in the manual. Failure to do so can cause injury to yourself or damage to the printer.
- Do not make perform any operation or action in any way other than provided in this manual. When in doubt, contact your dealer or service company.
- Keep in mind that hazard warnings in this manual or on the printer cannot cover every possible case, as it is impossible to predict and evaluate all circumstances beforehand. Be alert and use your common sense.

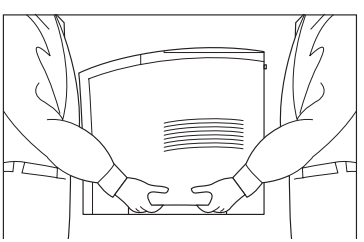
For detailed informations informations on Safety Guidelines please refer to the User Guide on the CD-ROM.

Safety Precautions

This printer is available in the power specifications 110 V and 230 V. The specifications that apply to your printer depend on your machine configuration. To prevent fire or shock hazards, connect the power plug only to a properly rated power outlet.

Handling the Printer

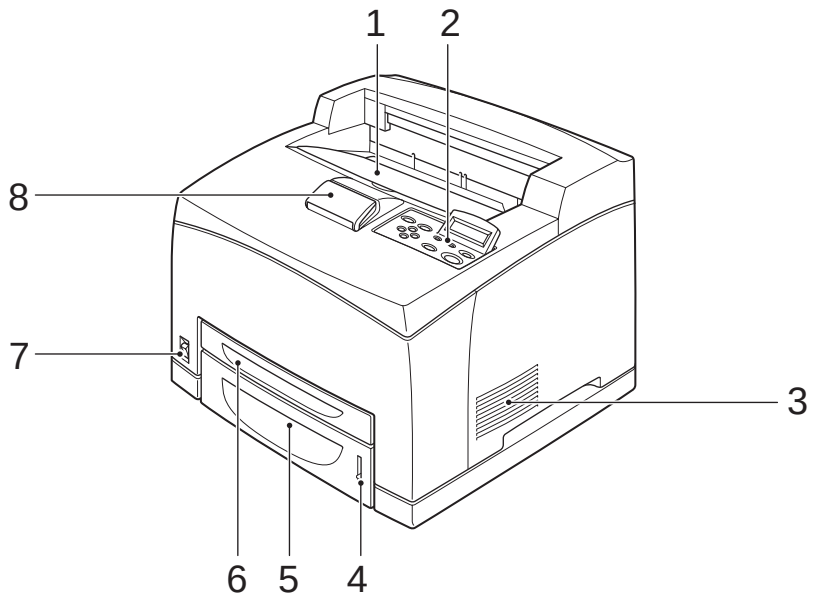
- The weight of the printer without paper tray, toner cartridge, and paper is about 21 kg (46 lbs). Never attempt to lift the printer alone.



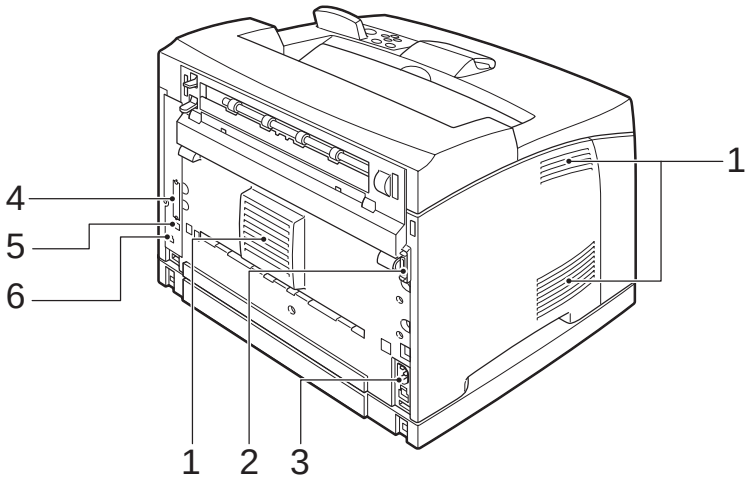
- To lift the printer, have two individuals facing each other from the front and the rear of the printer grasp the recessed areas on each side of the printer. Do not lift the printer by grasping any area other than these recessed areas.

ENGLISH

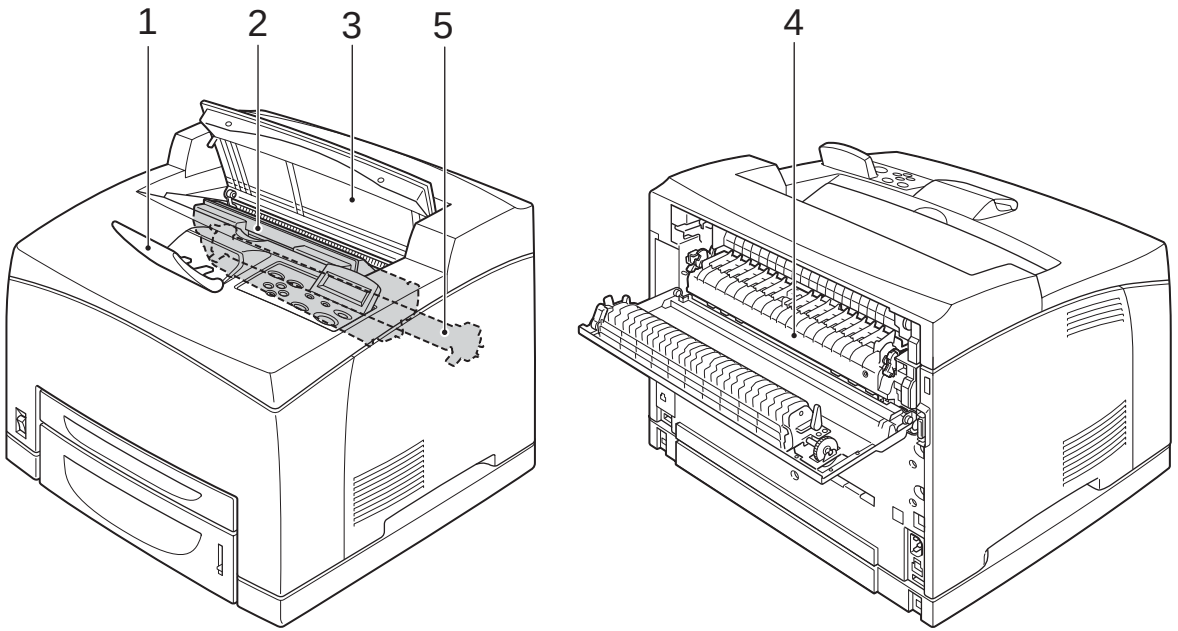
Printer Components



No.	Name	Description
1	Center output tray	Print jobs are output with the printed side facing down.
2	Control panel	Consists of operation buttons, indicators, and the display.
3	Ventilation hole	Releases heat to prevent the interior of the printer from heating up.
4	Paper meter	Indicates the amount of paper remaining.
5	Paper tray (A4/150 sheets)	Load paper here.
6	Paper tray (A4/550 sheets)	Load paper here.
7	Power switch	Switches the power of the printer on and off. Pushing the switch to the <**I**> side switches it on and pushing it to the <**O**> side switches it off.
8	Paper stopper	Raise this when printing on paper larger than A4 size.



No.	Name	Description
1	Ventilation hole	Releases heat to prevent the interior of the printer from heating up.
2	Duplex module connector	Connect the optional duplex module here.
3	Power cord connector	Connect the power cord here.
4	USB port	Connect the USB cable here.
5	Ethernet 10/100 port	Connect the Ethernet cable here.
6	Parallel port	Connect the parallel cable here.

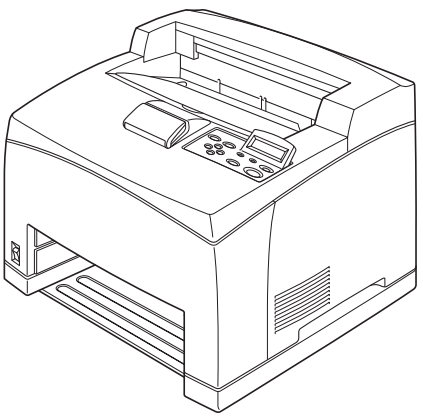


No.	Name	Description
1	Paper stopper	Raise this when printing on paper larger than A4 size.
2	Toner Cartridge	Contains the toner and the photosensitive drum.
3	Top cover	Open this when replacing the Toner Cartridge and removing jammed paper.
4	Fuser unit	Fixes the toner on the paper. Do not touch this when using the printer as it is hot.
5	Transfer roll cartridge	Transfers the toner image on the surface of the photosensitive drum to the paper.

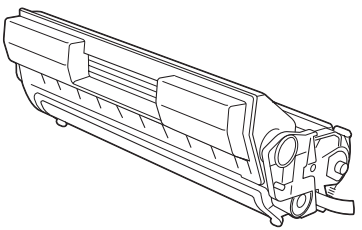
Chapter 2
Setting Up Your Printer

Checking Your Package

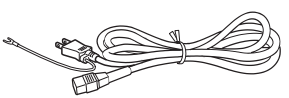
Before installing the printer, check that all the items are contained in the package. Should any components be missing or damaged, contact your dealer.



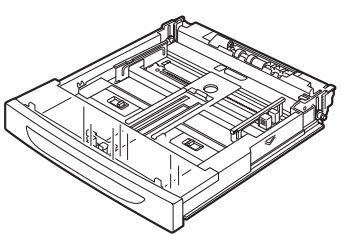
Printer

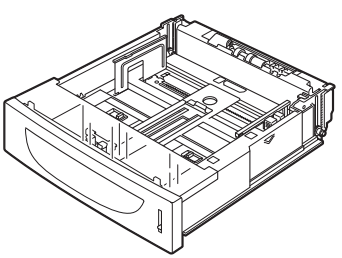


Toner Cartridge

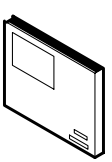


Power cord





Paper tray (A4/150 sheets), paper tray (A4/550 sheets)



Quick Start Guide
and CD-ROM

Preparing a Location for the Printer

Dimensions

- Printer Height: 404 mm (15.9 in)
- Printer Width (left to right): 422 mm (16.6 in)
- Printer Depth (front to back): 465 mm (18.3 in)

Installation Precautions

Before unpacking your laser printer, it is recommended that you read the following to assist locating a suitable spot for your new laser printer. To make optimum use of the printer, observe the following precautions when locating the printer.

The installation surface must be stable and very sturdy to support the considerable weight of the printer. If the printer falls over, there is a severe risk of injuries.

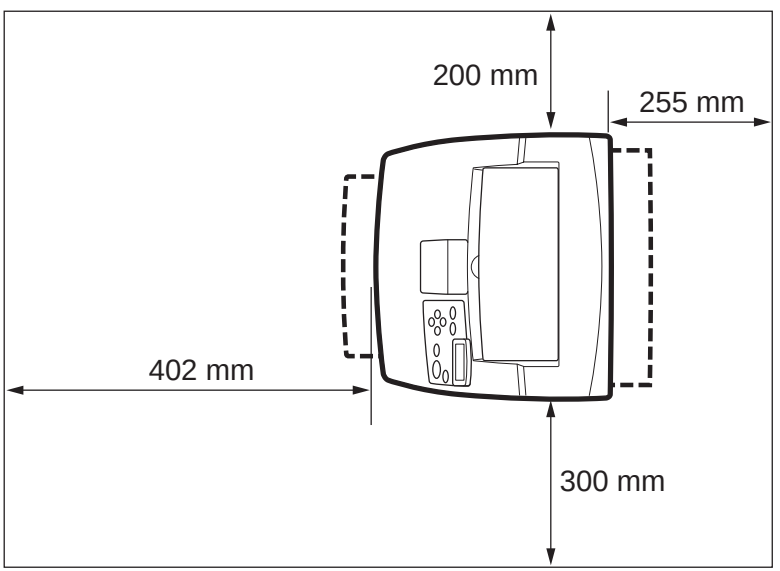
- Place the printer on a horizontal, sturdy and stable surface. The printer may cause injury if it falls over.
- Always place the printer under the following conditions:
  Temperature: 10 to 35º C (50º to 95º F)
  Humidity: 15 to 85% (non-condensation)
- Be sure to keep the temperature to below 28º C (82º F) if the humidity is 85%. If the temperature changes drastically from a cold environment to a warm environment, condensation may develop inside the printer and cause print problems. Therefore, be sure to let the printer rest for some time to adjust to the new temperature.
- Do not subject the printer to direct sunlight or a malfunction may result.
- Do not place the printer in a location with poor ventilation, or high level of dust, otherwise a fire hazard or electric shock may result.
- Do not place the printer near heaters or similar objects, otherwise a fire hazard may result.

- Never block the ventilation openings of the printer, otherwise the internal temperature will build up and cause a fire hazard.
- Do not place the printer near alcohol, benzine, or other volatile and flammable materials, or a fire hazard may result.

Space Requirements

A certain amount of space is required for proper operation of the printer and also for performing printer maintenance and replacing consumables. Use the following figures to plan for appropriate clearances when determining a location for your printer.

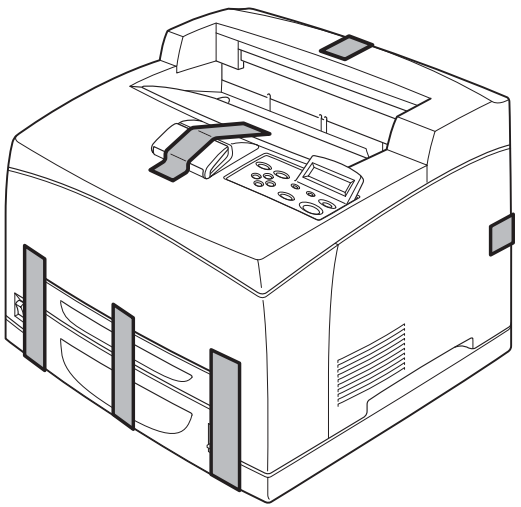
Be sure to leave ample space between the ventilation openings on the printer and the nearest wall or other surface, otherwise overheating may occur leading to a fire hazard. For easy operation, maintenance and replacing of consumables, you should also leave the clearances shown below around the printer. Installation of the printer should be carried out by qualified service personnel.



Installation procedure

Removing the Tape

When the printer is first taken out of the packaging box, the covers of the printer are taped as shown in the diagram. Remove the tapes.



Installing Options

If you have purchased any optional accessories, please refer to the User Guide on the CD ROM.

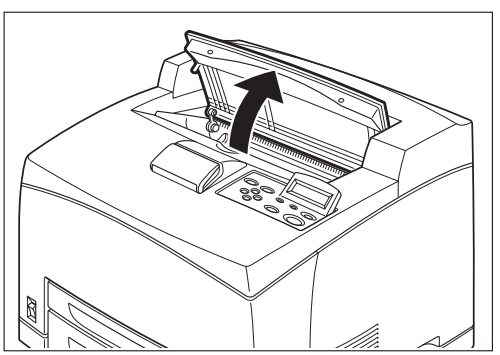
If there are no optional accessories to install, proceed to the next section, "Installing the Toner Cartridge".

Installing the Toner Cartridge

When installing the Toner Cartridge, take note of the following points:

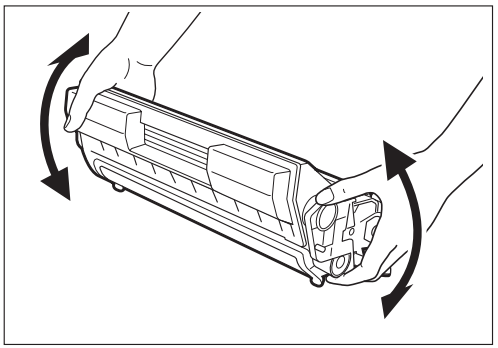
Never throw an Toner Cartridge into an open flame. It can cause an explosion and you can get burned.

- Do not subject it to direct sunlight or strong light.
- When installing the Toner cartridge, select a location not subject to strong light and try to finish the installation within 5 minutes.
- Do not touch the surface of the photosensitive drum.
- Do not stand or place the Toner Cartridge upside down. The drum might get damaged.
- A drum shutter protects the photosensitive drum from light. Do not open the drum shutter.
- Toner is not harmful to the human body, but if some toner has come into contact with your skin, you can wash it off with cold water and soap. If toner gets on your clothing, you should try to immediately remove it with a vacuum cleaner which has got a fine filter.

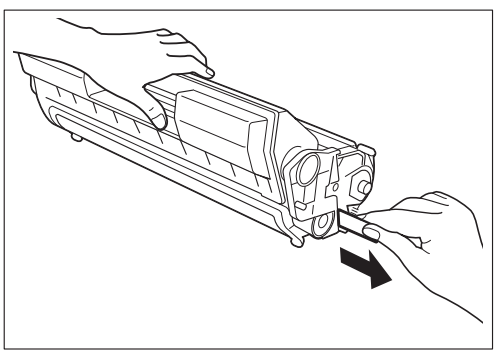


1 Open the top cover.

Do not touch any parts inside the printer.

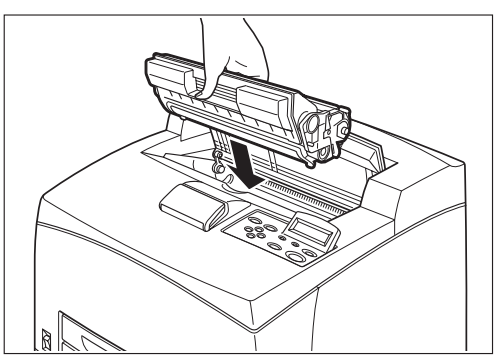


2 Take the Toner Cartridge out of the box and shake it 7 to 8 times as shown in the diagram.



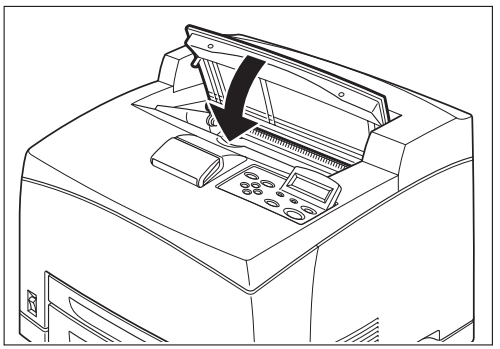
3 Place the Toner Cartridge on a flat surface and pull the seal out horizontally.

When pulling out the seal, pull it out horizontally. The tape might break if it is pulled out diagonally. After the seal has been pulled out, do not shake or bump the Toner Cartridge.



4 Hold the Toner Cartridge by the grip and insert it into the slot inside the printer.

Do not touch any parts inside the printer. Ensure that the Toner Cartridge is firmly set.

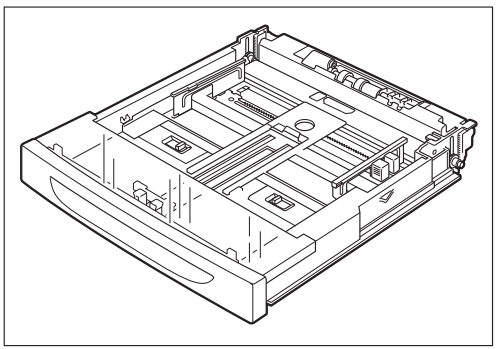


5 Close the top cover securely.

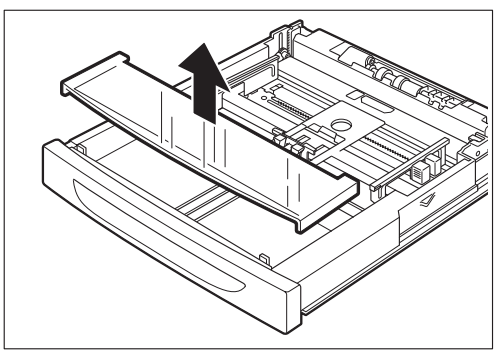
When printing text at 5% coverage, you can expect a toner cartridge life of approximately 17,000 pages (10,000 pages for the toner cartridge that is shipped with the printer).

Loading Paper

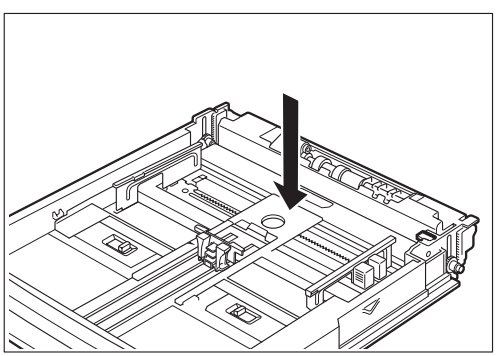
See the User Guide on CD-ROM for details on the type and size of paper that can be loaded in the paper tray.



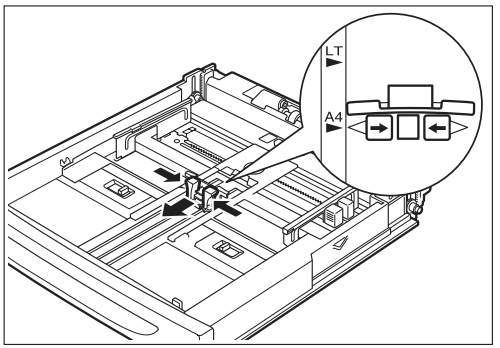
1 Place the paper tray on a flat surface.



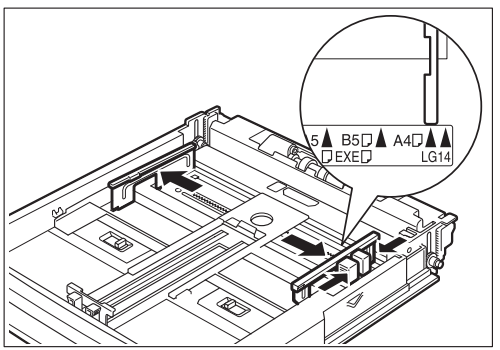
2 Remove the lid of the tray.



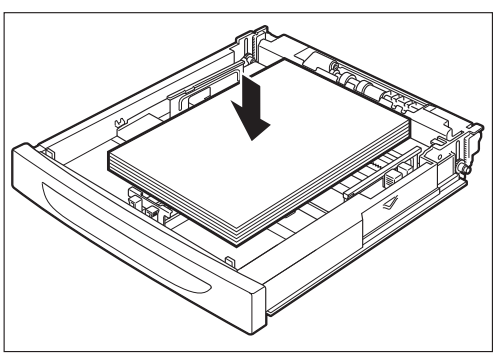
3 If the base plate of the paper tray is raised, push it down.



4 Squeeze the length guide and slide it to the desired paper size.

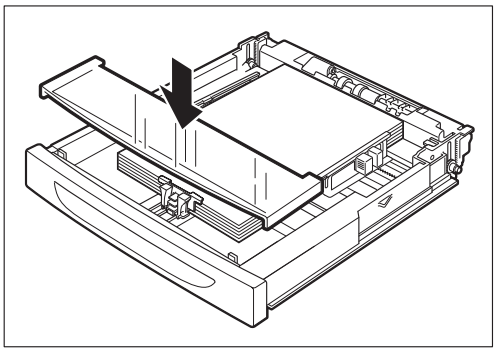


5 Squeeze the right width guide and slide it to the desired paper size.

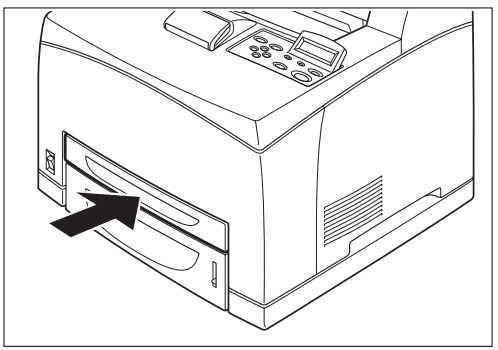


6 Load the paper with the side to be printed facing up and with all 4 corners aligned. Make sure that the right width guide is correctly aligned with the paper size. Do not place paper over the right width guide.

Do not load paper exceeding the maximum fill line or the maximum capacity allowed. Align the right width guide with the paper width correctly. If the right width guide is not in place, the paper will not be properly fed and may cause a paper jam.

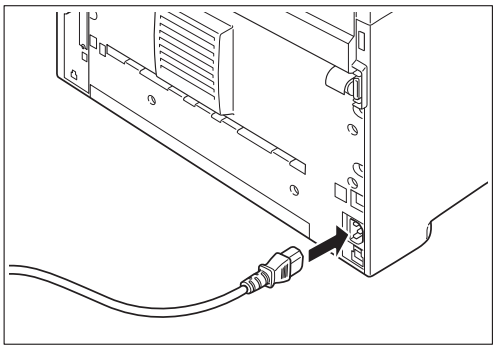


7 Close the lid of the paper tray.

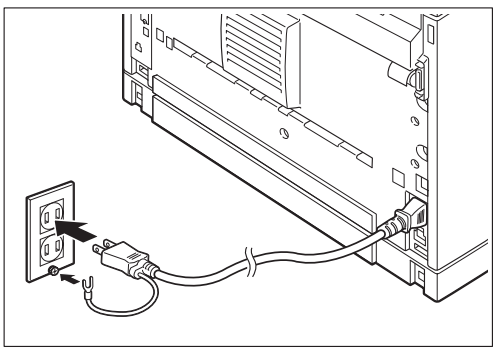


8 The lid of the tray must be firmly closed. If not, the paper might be misaligned.

Connecting the Power Cord

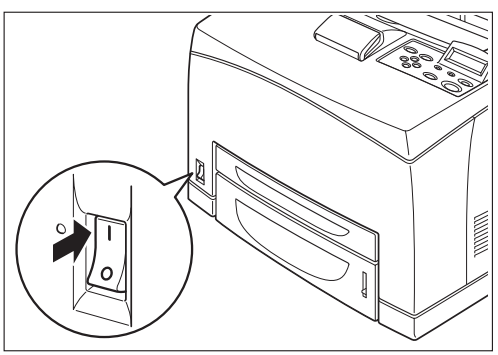


1 Connect the power cord to the power cord connector at the back of the printer.



2 Make sure that the power switch has been firmly pushed to the <**O**> position and then insert the other end of the power cord to a correctly rated power outlet.
If the power cord has an earth wire, connect it as well.

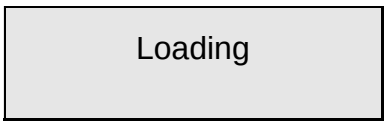
Turning the Printer On



1 Press the power switch to the <**I**> position the power on.

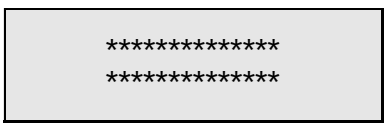
The printer motors run for 2 or 3 minutes when you first turn the power on.

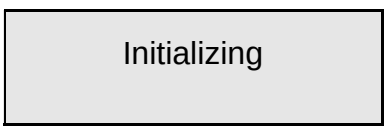
The top line of the LCD display reads:



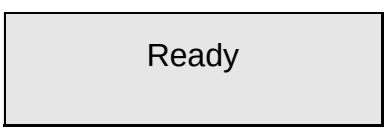
Followed by asterisks progressing across the bottom line:

Following an LED self test, asterisks progress across both lines of the display, the beeper sounds …





… and the Power On Self Test ends with the top line of the display reading:



While turned on, the printer will go into the standby state if it remains idle for a period of time.

When you have finished using the printer for the day or you do not intend to use it for a long period of time, switch off the power.

Printing a Configuration Summary

Your printer can print a configuration summary that lists the currently selected status of menu options, media selections in trays, options installed and other relevant information about your printer. To print a Configuration Summary, either press the INFO key once when the Start/Stop LED is lit or follow these steps:

1 From the Ready status, press MENU, the control panel display will read either "Paper Menu" or "Job Library".

Menu
Paper Menu

2 Press PREVIOUS or NEXT until the display reads:

Menu
Functions

3 Press SELECT, the display will read:

Functions
Reset Printer

4 Press NEXT or PREVIOUS until the display reads:

Functions
Print Summary

5 Press SELECT.

A two page Configuration Summary will print. An example of a Configuration Summary appears on the following page.

Depending upon the options installed and menu settings, your Configuration Summary may vary.

Example of a Configuration Summary

MENUS

Paper Menu
- Copies = 1
- Duplex = Off
- Duplex Bind = Long Edge
- Default Source = Tray 2
- Output Tray = Face Down Tray
- **Media Size/Type**
  - **Tray 1**
    - Media Type = Plain
    - **Custom Size**
      - Width = 8.50
      - Length = 11.00
    - Auto-Sense = On
  - **Tray 2**
    - Media Type = Plain
    - **Custom Size**
      - Width = 8.50
      - Length = 11.00
    - Auto-Sense = On
  - **Tray 3**
    - Media Type = Plain
    - Auto-Sense = On
  - **Tray 4**
    - Media Type = Plain
    - Auto-Sense = On
- Tray Linking = On
- Blank Pages = Print
- Output Linking = On
- Auto Resize = Off
- Separator Page = Off
- Custom Size Unit = Inches

Interface Menu
- **Port**
  - Parallel = On
  - Network Card 1 = On
  - USB = On
- **Parallel Setup**
  - Interpreter = Auto Switch
  - Format = Raw
  - Mode = Bidirectional
  - Delay Out Close = Off
  - Binary PS = Off
- **Network 1 Setup**
  - Interpreter = Auto Switch
  - Format = Raw
  - Network Address = 00502700AC47
  - IP Address = 010.001.254.201
  - Subnet Mask = 255.255.000.000
  - Default Router = 010.001.001.001
  - LPD Banner = Off
  - DHCP = Off
- **Network 1 Setup cont'd**
  - Delay Out Close = Off
  - Host Name = Intelliprint903500AC47
  - mDNS = Off
  - Local Link = 000.000.000.000
  - Multi-Session = On
  - AppleTalk = On
  - Current Zone = *
  - Preferred Zone = *
  - Binary PS = Off
  - Connection Speed = Auto-Sense
- **USB Setup**
  - Interpreter = Auto Switch
  - Format = Raw
  - Delay Out Close = Off
  - Binary PS = Off

PS Menu
- Print PS Errors = On

PCL Menu
- Orientation = Portrait
- Font Source = Internal
- Font Number = 12
- Pitch = 10.00
- Symbol Set = 10U:PC-8 CP437
- Macro Filter = Off
- Lines Per Page = 64
- CR Mode = CR=CR
- LF Mode = LF=LF
- FF Mode = FF=FF
- Print Area = Normal
- **Parameter Values**
  - **Paper Source**
    - Tray 1 = 1
    - Tray 2 = 4
    - Tray 3 = 5
    - Tray 4 = 6
    - Auto-Select = 7
  - **Paper Size**
    - Executive = 1
    - Letter = 2
    - Legal = 3
    - Statement = 4
    - Folio = 5
    - A6 = 24
    - A5 = 25
    - A4 = 26
    - B5 = 45
    - Monarch Envelope = 80
    - Com10 Envelope = 81
    - DL Envelope = 90
    - C5 Envelope = 91

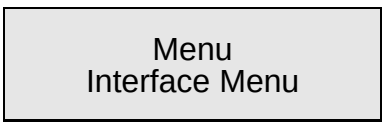
Adobe PostScript

Setting an IP address manually

If you require to set an IP address manually into the printer, as opposed to letting the printer receive one from a DHCP source, then you have to ensure that DHCP is switched off. Use the following procedure to switch DHCP off.

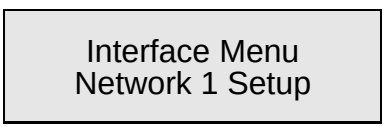
1 Press the MENU button on the control panel.

2 Press the NEXT button until the text "Interface Menu" is shown on the second line of the display.



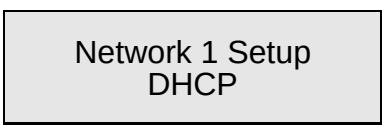
3 Press the SELECT button to enter the interface menu.

4 Press NEXT until the text "Network 1 Setup" is shown on the display.



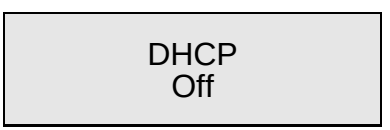
5 Press SELECT.

6 Press NEXT until "DHCP" is shown on the display.



7 Press SELECT.

8 Press the NEXT button until "Off" is shown on the second line of the interface.



9 Press SELECT.

10 Press START/STOP button to finish.

Use the following procedure to enter the interface menu and add the IP Address and other related settings.

1. Press the MENU button on the control panel.
2. Press the NEXT button until the text "Interface Menu" is shown on the second line of the display.

Menu Interface Menu

3. Press the SELECT button to enter the interface menu.
4. Press NEXT until the text "Network 1 Setup" is shown on the display.

Interface Menu Network 1 Setup

5. Press SELECT.
6. Press NEXT until "IP ADDRESS" is shown on the display.

Network 1 Setup IP Address

7. Press SELECT.
8. Use NEXT/PREVIOUS buttons to change the digit.
9. Press SELECT for the next digit.
10. Press SELECT after all digits are set.
11. The control Panel shows again "IP Address".

Network 1 Setup IP Address

12. Press NEXT and "Subnet Mask" is shown on the display.

Network 1 Setup Subnet Mask

13. Repeat steps 7 – 10.

14 The control Panel shows again "Subnet Mask".

Network 1 Setup
Subnet Mask

15 Press NEXT and "Default Gateway" is shown on the display.

Network 1 Setup
Default Gateway

16 Repeat steps 7 – 10.

17 The control Panel shows again "Default Gateway".

Network 1 Setup
Default Gateway

18 Press START/STOP button to finish.

Print a configuration summery to check the proper setting of the IP Address, Subnet Mask and Default Gateway.

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Chapter 3
Installing Printer Drivers

Driver Installation

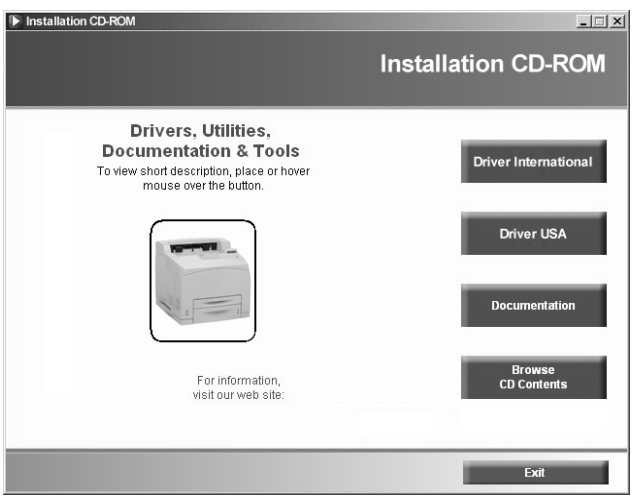
1 Load the cd into the drive.

Installation CD-ROM
Installation CD-ROM
ATTENTION: USE OF THE SOFTWARE IS SUBJECT TO THE LICENSE
TERMS SET FORTH BELOW. PLEASE CAREFULLY READ THE FOLLOWING TERMS AND CONDITIONS BEFORE OPENING THIS SOFTWARE PACKAGE: OPENING THIS PACKAGE AND/OR USE OF THE SOFTWARE INDICATES YOUR ACCEPTANCE OF THE LICENSE TERMS. IF YOU DO
I Accept
I Do Not Accept
For information, visit our web site:

2 After it loads select **I Accept** to the opening screen as shown.

Installation CD-ROM
Installation CD-ROM
USB Installation Information
If you are connecting your printer via the USB Port, before continuing with the installation, please ensure that your PC is connected to the printer via the USB port and that the printer is powered on. Otherwise continue with the installation and follow the auto installer instructions.
Instructions
For information, visit our web site:
Menu
Exit

3 Read carefully the instruction about the USB connection. Click **Menu**.



4 Click the appropriate **Driver** (**International** or **USA**).

5 Select your operating system and follow the instructions on the screen.

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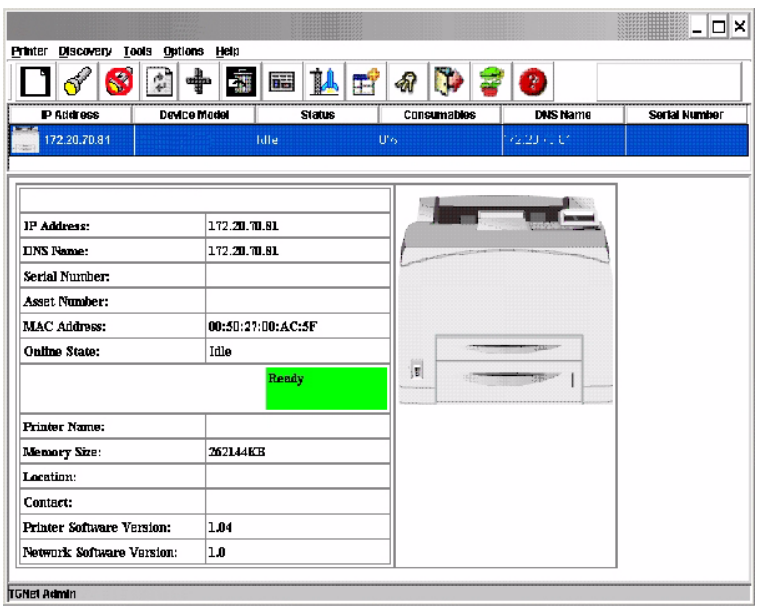
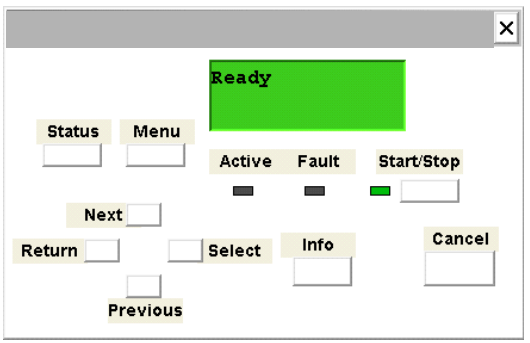
TGNet Admin administration program

The printer is supported by the TGNet Admin administration program, available from our web site. Network discovery, administration, remote monitoring and remote panel management options are available to the administrator.



The TGNet Admin program includes a virtual control panel function that allows the user to remotely manage the printer. The virtual control panel functions allow the administrator to remotely control many printers without having to go to each printer to modify the printer settings.



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Chapter 4
Specifications

Machine type	Desktop
Printing system	Laser xerography
Printing speed	34 sheets/minute (for continuous printing of the same A4-sized document by short edge feed)
Warm-up time	Maximum of 17 seconds from power on at 22° C
Resolution	1200 dots/25.4 mm and 600 dots/25.4 mm
Paper size	A4, A5, B5 JIS, B5 ISO, 8.5 × 11" (Letter), 8.5 × 13" (Legal 13), 8.5 × 14" (Legal 14), 7.5 × 11.5" (Executive), 5.5 × 8.5" (Statement)
Paper type	Plain, Thick1, Thick2 paper (60-216 g/m^2), transparencies, envelopes*, labels* *some envelopes and labels cannot be used due to the paper quality and size
Standard paper tray	Paper tray (A4/150 sheets): 150 sheets Paper tray (A4/550 sheets): 550 sheets
Optional paper tray	Paper tray (A4/550 sheets): 550 sheets
Output tray capacity	500 sheets
Operating noise	53.6 db(A) or less during operation, 27 db(A) or less during standby mode
Power	100 V ± 10%, 50/60 Hz ± 3 Hz 220 V ± 10%, 50/60 Hz ± 3 Hz
Maximum power consumption	995 W or less during operation, 13 W or less during standby mode
Dimensions	422 (W) × 465 (D) × 404 (H) mm
Weight	21.0 kg

Chapter 5
Options and supplies

Contact your dealer to order printing options/supplies, or you can purchase options/supplies directly from the manufacturer (see addresses at the rear cover page of this manual). The table below list available printer options and order numbers.

Option/Supply	**Order No.**
Process Unit Toner Cartridge (17 K)	062415
Tray Module 550 Sheet (max. of two modules)	062412
Duplex Unit	062413
Offset Catch Tray	062414
Face Up Tray (not available in US)	086514
PostScript/PCL Font Module	062458
PCL Font Module	062457
Harddisk	MLXXXF-HD
Memory 128 MB	093053
Memory 256 MB	093054

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